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Conference Abstract

What You Probably Didn't Know about Biodiversity Information Serving Our Nation (BISON)

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Abstract

Biodiversity Information Serving Our Nation (BISON - bison.usgs.gov) is the US Node application for the Global Biodiversity Information Facility (GBIF) and the most comprehensive source of species occurrence data for the United States of America. It currently contains more than 460 million records and provides significant augmentation and integration of US occurrence data in terrestrial, marine and freshwater systems. Publicly released in 2013, BISON has generated a large community of stakeholders and they have passed on a lot of questions over the years through email (bison@usgs.gov), presentations and other means. In this presentation, some of the most common questions will be addressed in detail. For example: why all BISON data isn't in GBIF; how is BISON different from GBIF; what is the relationship between BISON and other US providers to GBIF; and what is the exact role of the Integrated Taxonomic Information System (ITIS - www.itis.gov) in BISON.

Keywords

biodiversity, big data, informatics

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